

What is claimed is:

1. A common mode choke coil having a ferrite core, the ferrite core comprising:

- 5 a pair of first lateral walls opposite to each other;
 a pair of second lateral walls opposite to each other;
 a pair of through holes formed through the pair of first
lateral walls;
 a cover having a substantial H-shape to thereby provide
10 an opened region opened upwardly by cooperating with the pair
of through holes;
 a bottom having a substantial rectangular shape;
 a bobbin extending vertically across the pair of through
holes;
 electrodes extending from the bottom to the cover, being
15 on an external surface of the common mode choke coil; and
 windings being electrically connected to the electrodes,
respectively.

20 2. The common mode choke coil of claim 1, wherein a sealant
is charged through the through holes and near the opened
region to make the ferrite core have a complete cubic shape,
allowing it be identical in appearance from an upside and a
downside thereof.

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3. The common mode choke coil of claim 1, wherein said

winding are electrically connected to the electrodes, respectively, by thermo-compression bonding.

4. The common mode choke coil of claim 2, wherein said
5 winding are electrically connected to the electrodes, respectively, by thermo-compression bonding.